

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08935-250001	Application No. 09/988,297
		Applicant William A. Bowden <i>et al.</i>	
		Filing Date November 19, 2001	Group Art Unit 1745

**Information Disclosure Statement
by Applicant**
(Use several sheets if necessary)

(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
LSW	AA	4,133,856	1/9/1979	Ikeda <i>et al.</i>	—	—	
	AB	4,246,253	1/20/1981	Hunter	—	—	
	AC	4,312,930	1/26/1982	Hunter	—	—	
	AD	4,604,336	8/5/1986	Nardi	—	—	
	AE	4,904,552	2/27/1990	Furukawa <i>et al.</i>	—	—	
	AF	4,975,346	12/4/1990	Lecerf <i>et al.</i>	—	—	
	AG	5,114,804	5/19/1992	Stiles <i>et al.</i>	—	—	
	AH	5,425,932	6/20/1995	Tarascon	—	—	
	AI	5,759,510	6/2/1998	Pillai	—	—	
	AJ	5,955,052	9/21/1999	Padhi <i>et al.</i>	—	—	
LSW	AK	5,997,839	12/7/1999	Pillai	—	—	
	AL	6,207,129 B1	3/27/2001	Padhi <i>et al.</i>	—	—	

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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
LSW	AM	Ammundsen <i>et al.</i> , "Mechanism of Proton Insertion and Characterization of the Proton Sites in Lithium Manganate Spinel," Chem. Mater., Vol. 7, No. 11, pp. 2151-2160, (1995).
	AN	Bowden <i>et al.</i> , "Manganese Dioxide for Alkaline Zinc Batteries: Why Electrolytic MnO ₂ ?", ITE Letters on Batteries, New Technologies & Medicine, Vol. 1, No. 6, (2000).
	AO	Dahn <i>et al.</i> , "Thermal stability of Li _x CoO ₂ , Li _x NiO ₂ and λ-MnO ₂ and consequences for the safety of Li-ion cells," Solid State Ionics, Vol. 69, Nos. 3-4, pp. 265-270, (1994).
	AP	David <i>et al.</i> , "Structure Refinement of the Spinel-Related Phases Li ₂ Mn ₂ O ₄ and Li _{0.2} Mn ₂ O ₄ ," J. Solid State Chem., Vol. 67, pp. 316-323, (1987).
	AQ	Geronov <i>et al.</i> , "Rechargeable Compact Li Cells with Li _x Cr _{0.9} V _{0.1} S ₂ and Li _{1+x} V ₃ O ₈ Cathodes and Ether-Based Electrolytes," J. of the Electrochemical Soc., Vol. 137, No. 11, pp. 3338-3344, (1990).
	AR	Giwa <i>et al.</i> , "Lithium Primary Envelope Cells," 16 th Intern. Seminar & Exhibition on Primary & Secondary Batteries, pp.Q1-11 (1999).
LSW	AS	Hunter, J. C. and Tudron, F. B., "Nonaqueous Electrochemistry of Lambda MnO ₂ ," Proc. Electrochem. Soc. Vol. 85-4, pp. 444-451, (1985).

Examiner Signature 	Date Considered 8-6-03
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
LSW	AT	Hunter, James C., "Preparation of a New Crystal of Manganese Dioxide: λ -MnO ₂ ," Journal of Solid State Chemistry, Vol. 39, pp. 142-147, (1981).
	AU	Larcher <i>et al.</i> , "Synthesis of MnO ₂ Phases from LiMn ₂ O ₄ in Aqueous Acidic Media," J. Electrochem. Soc., Vol. 145, No. 10, pp. 3392-3400, (1998).
	AV	Manev, V. <i>et al.</i> , "Rechargeable lithium battery with spinel-related λ -MnO ₂ 1. Synthesis of λ -MnO ₂ for battery applications," Journal of Power Sources, 43-44, pp. 551-559, (1993).
	AW	Mosbah <i>et al.</i> , "Phases Li _x MnO ₂ Rattachees au Type Spinelle," with English abstract, Bater. Res. Bull, Vol. 18, pp. 1375-1381, (1938).
	AX	Patrice <i>et al.</i> , "Understanding the second electron discharge plateau in MnO ₂ -based alkaline cells," ITE Letters on batteries, New Technologies and Medicine, Vol. 2, No. 4, (2001).
	AY	Read <i>et al.</i> , "Low Temperature Performance of λ -MnO ₂ in Lithium Primary Batteries," Solid State Letters, Vol. 4, No. 10, pp. A162-165, (2001).
	AZ	Schilling <i>et al.</i> , "Modification of the High-Rate Discharge Behavior of Zn-MnO ₂ Alkaline Cells through the Addition of Metal Oxides to the Cathode," ITE Letters on Batteries, New Technologies & Medicine, Vol. 2, No. 3, (2001).
	AAA	Tarascon <i>et al.</i> , "Chemical and electrochemical insertion of Na into the spinel λ -MnO ₂ phase," Solid State Ionics, Vol. 57, pp. 113-120, (1992).
	ABB	Tarascon <i>et al.</i> , "The Spinal Phase of LiMn ₂ O ₄ as a Cathode in Secondary Lithium Cells," J. Electrochem. Soc., Vol. 138, No. 10, pp. 2859-2864, (1991).
	ACC	Tarascon, J. M. and Guyomard, D., "The Li _{1+x} Mn ₂ O ₄ /C Rocking-Chair System: A Review," Electrochimica Acta, Vol. 38, No. 9, pp. 1221-1231, (1991).
LSW	ADD	Xia, Xi and Sun Weiwei, "The electrochemical performance of λ -MnO ₂ in alkaline solution," abstract only, Dianyuan Jishu, 23 (Suppl.), pp. 74-76, (1999).

Examiner Signature 	Date Considered 8-7-03
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) JUL 11 2003 INFORMATION DISCLOSURE STATEMENT by Applicant (Use several sheets if necessary) 37 CFR 1.98(b)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08935-250001 #7	Application No. 09/988,297
		Applicant William A. Bowden et al.	
		Filing Date November 19, 2001	Group Art Unit 1745

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U.S. Patent Documents

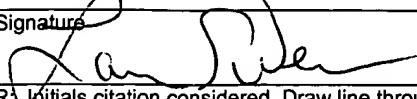
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
LSW	AA	6,225,009	05/01/01	Fleischer et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
LSW	AL	EP 0 728 701 A1	08/28/96	EPO				
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

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